

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6,631,994".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:46
L2	1184	345/7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:46
L3	622	353/69.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:46
L4	311	353/70.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L5	319	353/77.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L6	752	353/98.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L7	767	353/99.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47

## EAST Search History

L8	441	353/102.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L9	254	359/362.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L10	370	359/363.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L11	280	359/364.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:47
L12	255	359/365.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:48
L13	322	359/366.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:48
L14	104	359/650.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/15 11:48

## EAST Search History

S1	19033	"353"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/01 14:06
S2	28	S1 and ((pin-cusion or pincushion) same barrel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 14:23
S3	28	S1 and ((pin-cusion or pincushion) same barrel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 14:46
S4	2	"6,471,359".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 14:42
S5	2	"6,631,994".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:04
S6	0	S5 and (fourth same diverg\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 14:45
S7	0	S5 and (fourth same negative)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 14:45

## EAST Search History

S8	3	S3 and (fourth same negative)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 14:46
S9	1254	353/98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:04
S10	807	353/99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:04
S11	692	353/69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:04
S12	429	353/70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:04
S13	501	353/102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:08
S14	529	353/77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:10

## EAST Search History

S15	464	359/362	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:10
S16	433	359/363	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:10
S17	457	359/364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:10
S18	468	359/365	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:10
S19	475	359/366	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:11
S20	207	359/650	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:11
S21	3	S20 and pincushion and barrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 16:11

## EAST Search History

S22	19363	"353"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/14 17:10
S23	28	S22 and ((pin-cusion or pincushion) same barrel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/14 17:11
S24	19	S23 and (enlarge\$1 or magnif\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/14 17:11
S25	2212	((pin\$2cusion or pin\$2cushion-like) or (pin adj cushion\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/26 21:14
S26	1074	((((pin\$2cusion or pin\$2cushion-like) or (pin adj cushion\$4)) same distort\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/26 21:16
S27	176	((((pin\$2cusion or pin\$2cushion-like) or (pin adj cushion\$4)) same distort\$3) and lens\$2 and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:49
S28	2	"6,631,994".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 21:19

## EAST Search History

S29	12	("3938775"   "4969730"   "5194884"   "5274406"   "5716118"   "6233024"   "6276802").PN. OR ("6631994").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/26 21:19
S30	115	S27 and (projector or projection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 21:25
S31	76	S30 and (barrel or barrel-like)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 21:25
S32	2	"6,631,994".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 14:44
S33	0	((((pin-cushion or pincushion) adj distort\$3) same (refract\$3 or lens\$2)) same (barrel adj distort\$3)) near (reflect\$3 or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:47
S34	0	((((pin-cushion or pincushion) adj distort\$3) same (refract\$3 or lens\$2)) same (polynomial adj reflect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:47
S35	177	((((pin\$2cusion or pin\$2cushion-like) or (pin adj cushion\$4)) same distort\$3) and lens\$2 and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:31

## EAST Search History

S36	115	S35 and (projector or projection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:49
S37	76	S36 and (barrel or barrel-like)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:49
S38	76	S35 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:55
S39	552	(correct\$6 near15(pincush\$9 or (pin adj cush\$9))) and (correct\$6 near "15" barrel near10distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:59
S40	116	S39 and ((lens\$2 or refract\$3) same (mirror or reflect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:03
S41	12	S40 and (first adj distortion) and (second adj distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:07
S42	2	"5,726,670".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:07

## EAST Search History

S43	27	("4082432"   "4847603"   "4934771"   "5189452"   "5189512"   "5302964"   "5320534").PN. OR ("5726670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 15:07
S44	2	"6,631,994".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 06:47
S45	1	(((((pin\$2cusion or pin\$2cushion-like) or (pin adj cushion\$4)) same distort\$3) same follow\$2) same barrel) and lens\$2 and (reflector or mirror)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:32